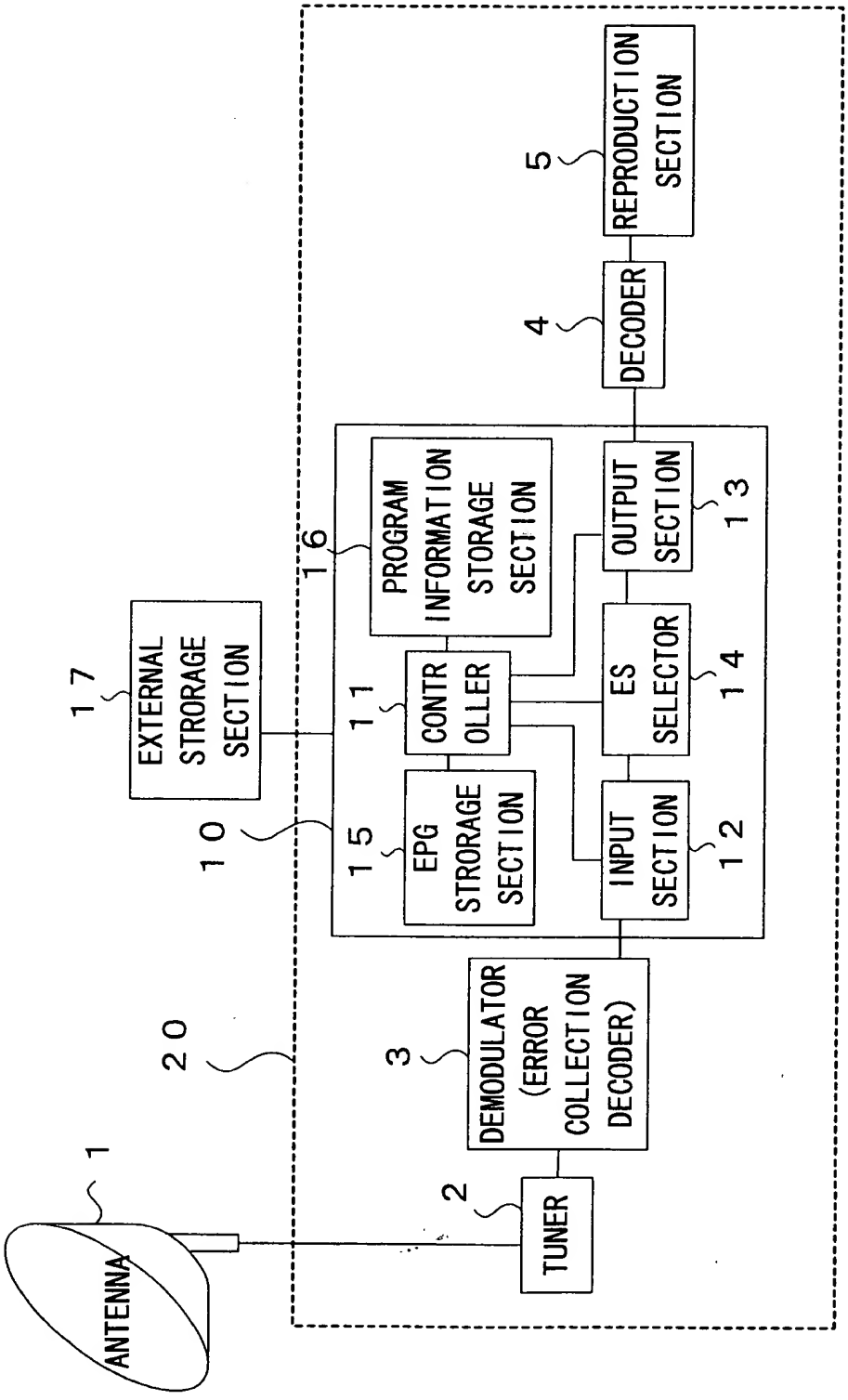
ANTENNA
1
TUNER
2
DEMODULATOR (ERROR COLLECTION DECODER)
3
DECODER
4
REPRODUCTION SECTION
5
20
10
EXTERNAL STRORAGE SECTION
17
EPG STRORAGE SECTION
15
CONTR OLLER
11
PROGRAM INFORMATION STORAGE SECTION
16
INPUT SECTION
12
ES SELECTOR
14
OUTPUT SECTION
13

FIG.1

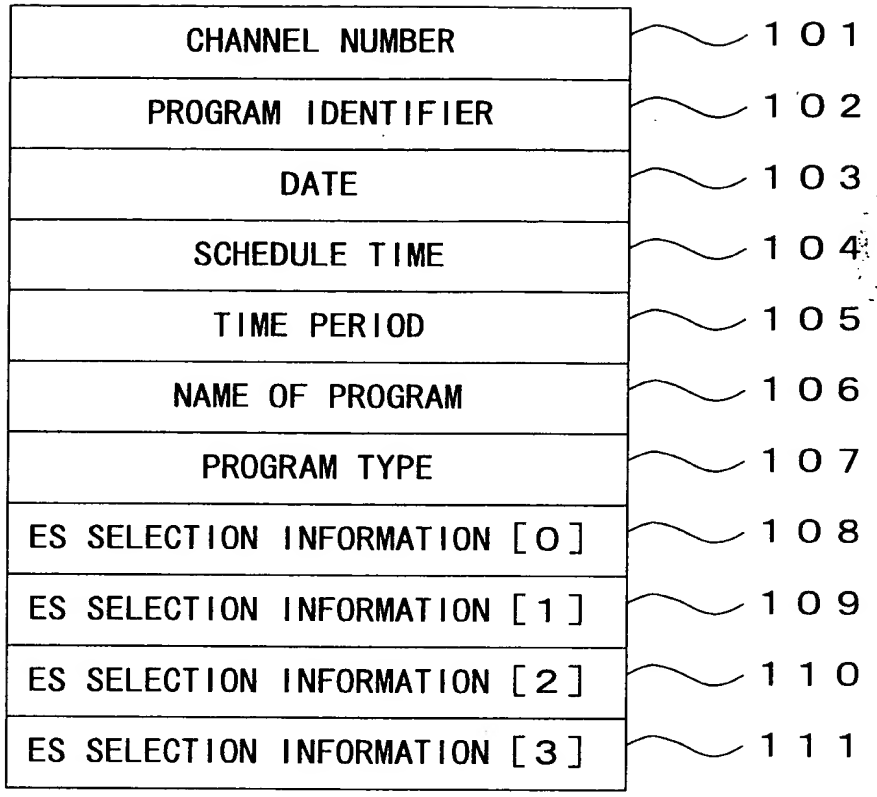
CHANNEL NUMBER
101
PROGRAM IDENTIFIER
102
DATE
103
SCHEDULE TIME
104
TIME PERIOD
105
NAME OF PROGRAM
106
PROGRAM TYPE
107
ES SELECTION INFORMATION [0]
108
ES SELECTION INFORMATION [1]
109
ES SELECTION INFORMATION [2]
110
ES SELECTION INFORMATION [3]
111

FIG.2

TYPE	TYPE CODE
COOKING	0×0
TRAVEL(1)	0×1
TRAVEL(2)	0×2
DOCUMENTARY	0×3
EDUCATION	0×4
LEISURE	0×5
VARIETY SHOW	0×6
NEWS	0×7
DRAMA	0×8
MUSIC	0×9
SPORTS1	0×A
SPORTS2	0×B
JAPANESE MOVIES	0×C
FOREIGN MOVIES	0×D
SHOPPING	0×E
OTHERS	0×F

FIG.3

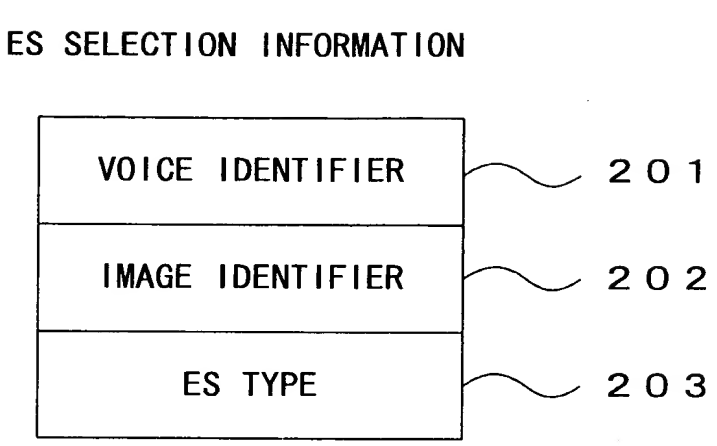
ES SELECTION INFORMATION
VOICE IDENTIFIER
201
IMAGE IDENTIFIER
202
ES TYPE
203

FIG.4

PROGRAM INFORMATION TABLE

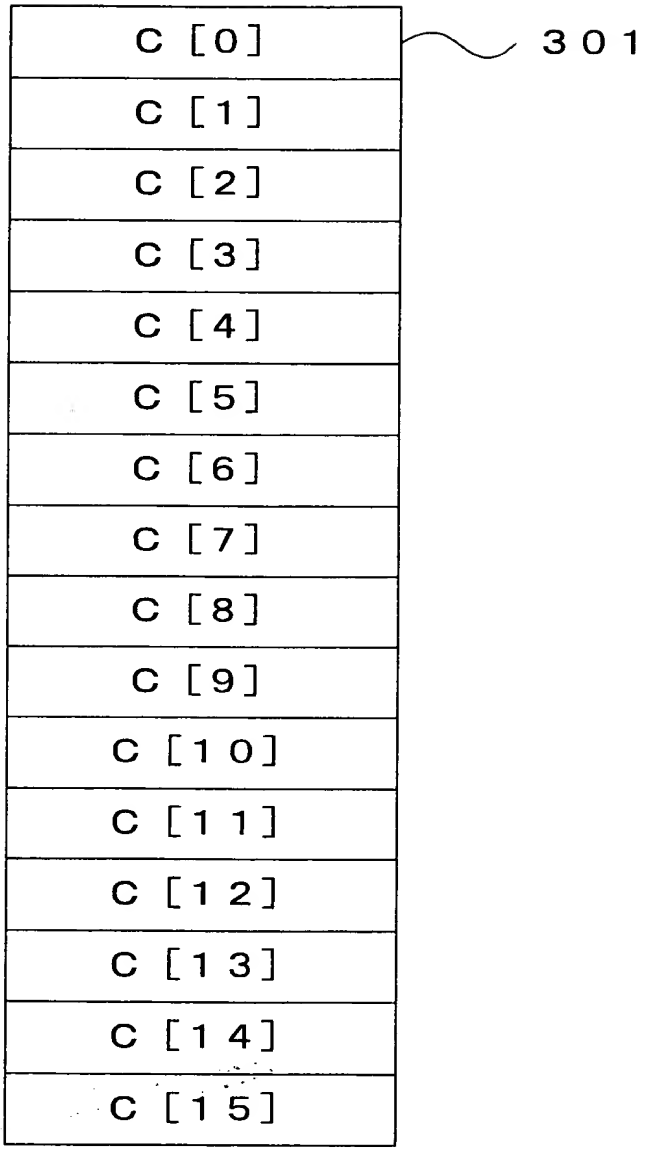

FIG.5

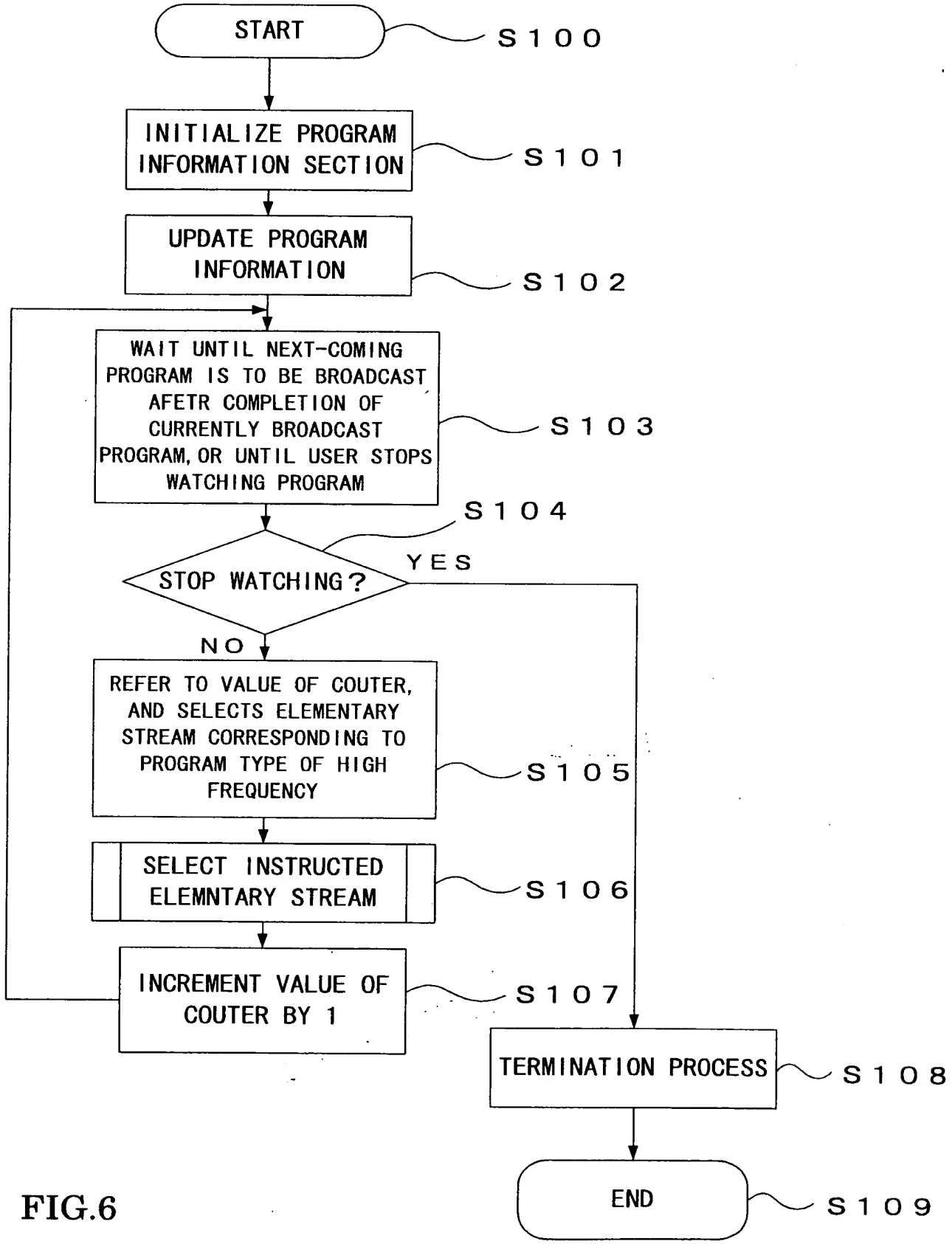
START
S100
INITIALIZE PROGRAM INFORMATION SECTION
S101
UPDATE PROGRAM INFORMATION
S102
WAIT UNTIL NEXT-COMING PROGRAM IS TO BE BROADCAST AFETR COMPLETION OF CURRENTLY BROADCAST PROGRAM, OR UNTIL USER STOPS WATCHING PROGRAM
S103
S104
STOP WATCHING?
YES
NO
REFER TO VALUE OF COUTER, AND SELECTS ELEMENTARY STREAM CORRESPONDING TO PROGRAM TYPE OF HIGH FREQUENCY
S105
SELECT INSTRUCTED ELEMNTARY STREAM
S106
INCREMENT VALUE OF COUTER BY 1
S107
TERMINATION PROCESS
S108
END
S109

FIG.6